

**Amendments to the Claims:** This listing of claims will replace all prior versions, and listings, of claims in the application

Listing of Claims:

1. (Currently Amended) A vessel for cell culture comprising:
  - a headplate having a top surface and a circumferential edge;
  - a collapsible bag with an inner surface, an outer surface and a top periphery, said top periphery of said bag sealed to said edge of said headplate; and
  - an impeller having a flexible blade, ~~and~~ a central axis, and a shaft extending from said headplate into said collapsible bag wherein said shaft does not extend above said top of said headplate, said impeller attached to said headplate such that said impeller does not rotate about its central axis.
2. (Original) The vessel of claim 1 wherein said bag is comprised of polyethylene.
3. (Original) The vessel of claim 1 wherein said vessel is pre-sterilized.
4. (Original) The vessel of claim 1 wherein said headplate comprises at least one port.
5. (Canceled)
6. (Previously Presented) The vessel of claim 1 wherein said impeller is comprised of polyethylene.
- 7-25 (Canceled)
26. (Currently Amended) A vessel comprising:
  - a headplate having a top surface and a circumferential edge;
  - a collapsible bag with an inner surface, an outer surface, and a top periphery, with said top periphery of said bag sealed to said edge of said headplate; and
  - a flexible impeller having a central axis, a shaft extending from said headplate into said collapsible bag wherein said shaft does not extend above said top of said headplate, and a blade within said collapsible bag, said impeller attached to said headplate so that said impeller does not rotate about its central axis.
27. (Previously Presented) The vessel of claim 26 wherein said bag is comprised of polyethylene.

28. (Previously Presented) The vessel of claim 26 wherein said vessel is pre-sterilized.
29. (Previously Presented) The vessel of claim 26 wherein said headplate comprises at least one port.
30. (Previously Presented) The vessel of claim 26 wherein said impeller is comprised of polyethylene.